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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#10/B  
PATENT  
9/21/02  
R. D. Hume

Applicant : Hevesi, et al. ) Group Art Unit 1641  
Appl. No. : 09/833,030 )  
Filed : April 10, 2001 )  
For : METHOD FOR OBTAINING A )  
SURFACE ACTIVATION OF A )  
SOLID SUPPORT FOR BUILDING )  
BIOCHIP MICROARRAYS )  
Examiner : Tran, My-Chau T. )

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AMENDMENT

United States Patent and Trademark Office  
P.O. Box 2327S  
Arlington, VA 22202

Dear Sir:

In response to the Office Action dated May 8, 2002 (Paper No. 9), please amend the<sup>\*</sup> above-captioned application as follows:

IN THE CLAIMS

Please cancel claim 1 without prejudice.

Please amend claims 2, 3, 5, 6 and 8 as follows:

- 2 (Amended) A method for making microarrays comprising the steps:
- a) subjecting the surface of a solid support to an oxidation of olefinic groups present on said surface in order to allow the formation of aldehyde functions upon the surface of said solid support; and
  - b) covalently binding upon said aldehyde functions capture molecules designed for the detection, the identification, the quantification and/or the recovery of complementary target biological or chemical molecules of interest; said covalent binding resulting in an array comprising a density of at least 4 or more discrete regions/cm<sup>2</sup> of solid